Daniel Andres Jimenez Riveros, MSc-MA

Vancouver, BC, Canada | da.jimenez166@gmail.com | linkedin.com/in/daniel-jimenez-78500117a

---

Professional Summary

Software Developer Engineer with a proven track record at Amazon. Designed and developed interactive front-end dashboards leveraging ReactJS, D3js, and Redux RTK, enhancing user engagement and retention. Architect and maintain scalable back-end services using Node.js, ensuring seamless data flow. Deep understanding of AWS services, deploying applications for optimal performance and scalability. Strong background in business intelligence and machine learning, driving data accessibility and business improvements.

Work Experience

AMAZON, Bogotá, Colombia

Software Developer Engineer   July 2022 - August 2023

- Developed advanced interactive dashboards, enhancing data analysis efficiency for 2,000+ data analysts, significantly improving decision-making speed and accuracy.
- Engineered responsive UI/UX front-ends with Javascript, ReactJS, D3.js, and Redux RTK, elevating user experience and interaction for key enterprise applications.
- Architected and deployed scalable back-end services using Typescript, ExpressJS, and NodeJS, ensuring robust performance and reliability across enterprise systems.
- Optimized application deployment and scalability using AWS services (EC2, S3, Lambda, DynamoDB, API Gateway).
- Implemented critical RESTful APIs, integrating seamlessly with three internal services, empowering over 300 team leaders in the CSBI department with enhanced data accessibility.
- Streamlined cloud-native application deployment processes with Amazon CDK and CloudFormation, significantly reducing deployment and maintenance time and increasing system resilience.

Business Intelligence Analyst   July 2021 - July 2022

- Engineered and upheld comprehensive ETL (Extract, Transform, Load) processes, guaranteeing data integrity, completeness, and prompt availability for BI reporting.
- Utilized R's ggplot2 for creating dynamic, publication-quality graphs that visually represented complex analysis findings for non-technical stakeholders.
- Streamlined data preprocessing workflows with Python, achieving a 50% reduction in processing time, significantly accelerating project timelines.
- Automated monthly performance reporting with SQL procedures, slashing manual effort by 80% and enhancing report accuracy and timeliness

Information Technology Intern   January 2021 - July 2021

- Played a key role in the front-end development of critical internal tools using JavaScript, HTML, and CSS, directly benefiting over 9,000 Amazon employees through enhanced usability and productivity.
- Spearheaded the design of intuitive UI components and icons with Figma, significantly improving user experience across four major internal applications.
- Acquired and applied knowledge of core AWS services and proprietary tools essential for application development, facilitating the robust and scalable deployment of internal applications

UNIVERSITY OF THE BOSQUE, Bogotá, Colombia

Professor, Humanities Department   August 2022 - June 2023

- Instructed 35 students per term in programming languages and frameworks focus in creative coding, such as ThreeJS, Arduino, C++ and D3js.
- Mentored students in project-based learning, offering personalized guidance and feedback to help them develop innovative digital artworks and interactive projects.
- Demonstrated real-world applications of coding in the arts, showcasing how todays technologies can be used to create captivating visualizations and immersive experiences.

AQSTICA S.A.S, Bogotá, Colombia

Data Analyst   February 2018 - November 2020

- Analyzed complex datasets to drive strategic decisions, boosting operational efficiency by 10% in revenue
- Employed statistical techniques to enhance marketing targeting by 20%, using a linear regression Model.
- Automated data cleaning and transformation with Python, SQL and MongoDB, enhancing data quality by 25% and cutting processing time by 40%.

Education

University of British Columbia, Vancouver, Canada
Master of Data Science in Computational Linguistics   Coursing

Universidad de los Andes, Bogotá, Colombia
Master in Information Technology   Graduation Candidate
Bachelor in Industrial Engineering
Bachelor in Arts
Fundacion Universitaria Jorge Tadeo Lozano, Bogotá, Colombia
Graduate Diploma in Project Management

Awards & Achievements

- COLFUTURO Scholarship   2023
- Data Science for All (DS4A)   2018

Skills

Python, Typescript, Javascript, ReactJS, Nodejs, Flask, C++, Java, HTML, CSS, R, SQL, MongoDB, Figma, Adobe XD, Premier Pro, Photoshop, Illustrator, Microsoft Suite.